

## 6<sup>th</sup> Grade Science Work

Date	Pre Class (1 <sup>st</sup> Section)	Classwork/ Homework
9/10	Why is it important to be organized in science?	Read pgs 185-186. 1. Write down the definitions of the boldfaced words in your vocabulary section. 2. Compare and contrast these steps to the ones we use for science fair
9/11	What is science to you?	Read The Science World Magazine. Choose 3 Articles to write a summary on (put in HW section). Complete the activities on the back page.
9/12	Why is the scientific method important to scientists?	Complete Scientific Method Questions Worksheet
9/15	What do you know about space? 2. What would you like to learn about space?	Read Pg 4-7. Copy the Vocabulary in your vocabulary section. Answer the reading checks in your homework section.
9/16	1. What is the definition of a year? 2. What is the definition of a month? 3. What is the definition of a day?	Complete the Directed Reading Sheet for section 1
9/17	Draw the Geocentric and the Heliocentric Models of the solar system.	Write Down Each of the names of the Astronomers in your Famous Scientists section and 1-2 sentences about what they discovered or are famous for.
9/18	Fill In the sentences using the following word bank  <b>Galileo Ptolemy Copernicus Brahe Kepler Hubble Newton</b>  1. _____ created the heliocentric model of the solar system. 2. _____ took good measurements of the planets, but believed the sun went around the Earth and everything else went around the sun. 3. _____ used the telescope to discover things such as the craters on the moon. 4. _____ discovered the force of gravity 5. _____ created the geocentric model. 6. _____ believed that in the heliocentric model, the planets revolved in an elliptical orbit.	Complete the section review on pg 7 (HW section)
9/19	1. How did early astronomers study space? 2. Explain the difference between the	Complete the Astronomy Quiz Sheet

	<p>geocentric and heliocentric models of the universe. Why were they both wrong?</p> <p>3. List something important about Galileo, Kepler, Brahe Newton and Hubble.</p>	
9/22	<p>What do you think telescopes help us to do? Do you think that they are all the same? Explain</p>	Read pgs 8-13. Copy Vocabulary in vocabulary section. Answer reading checks in HW section
9/23	What are three differences between refracting and reflecting telescopes?	Complete Telescope Worksheet
9/24	<ol style="list-style-type: none"> <li>1. A telescope gathers _____ from space.</li> <li>2. A refracting telescope is usually _____ than a reflecting telescope.</li> <li>3. Light and air pollution and water vapor make an image in space appear _____.</li> <li>4. All energy waves in space are listed on the _____</li> </ol>	Complete Section Review on Pg 13 (HW section)

\*\*\*All work will be collected/checked on Monday September 29<sup>th</sup>. No excuses will be accepted for missed work.